Blake Anderson
GIS Analyst

Profile

GIS professional with land use planning, transportation planning, programming, and technical writing experience.

Relevant Experience

Associate GIS Analyst
San Diego Association of Governments - Jun 2019 - Present

- **GIS Expertise:** Designed, edited, and analyzed over 200 spatial data products. Managed key geospatial databases, workflows, and data pipelines, including deep learning for aerial imagery, to drive accurate cartographic outputs for agency needs.
- **Programming Impact:** Revamped a core Python program, reducing processing time by over 80% and adding functionality that supports internal departments and public-facing GIS products, boosting efficiency and service delivery.
- **Collaborative Communication:** Led outreach and cross-department collaboration, improving stakeholder engagement and communication between data science and planning teams. Trained staff on GIS platforms and T-SQL.

Graduate Student Researcher
Rutgers University - Sep 2017 - May 2019

- Conducted and mapped a benefit-cost analysis and annual pro forma for a road diet project, highlighting pedestrian and transit improvements for city planning staff.
- Mapped socioeconomic demographic data by ward in Newark, using multinomial regression analysis in Stata; supported results with policy briefs and a white paper for Newark city staff.
- Supported City of Taipei planning staff in conducting spatial analysis for MRT station placements and redevelopment projects.

Education

Master of City and Regional Planning (MCRP)
Rutgers, The State University of New Jersey, USA - 2017-2019

Bachelor of Arts, History and International Studies
University of North Carolina, Chapel Hill, USA - 2010 - 2014
- Studied at the University of Bologna, Italy & the Diplomatic Academy (Vienna, Austria) in 2013

Interests

Writing novels, baking cakes, hiking in the mountains, painting, long runs, Byzantine history

Contact

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Skills

Technical:
- GIS
- ArcGIS Pro
- ArcGIS StoryMaps
- ArcGIS Experience Builder
- ArcGIS Enterprise
- ArcGIS Online
- Python
- ArcPy
- SQL
- Azure
- database administration
- ETL
- database design
- Power BI
- Tableau

Additional:
- Adobe Illustrator
- Adobe Photoshop
- Affinity Designer
- Word, Excel, Powerpoint

Languages:
- English (native)
- Mandarin Chinese (advanced)
- Japanese (intermediate)
- German (elementary)